

Invoice No: *INVOICE*

PLEASE REMIT PAYMENT TO:

Page 1 of 8

SERVICE ADVISOR:

UNIT NO.	YEAR	MAKE/MODEL	VIN	LICENSE	MILEAGE IN / OUT	TAG
U9014	14	INTERNATIONAL PROSTA	3HSDJAPR5EN761072		565330 / 565354	T2813
DEL. DATE	PROD. DATE	WARR. EXP.	PROMISED	PO NO.	RATE	PAYMENT
02DEC13			23:54 30AUG19	1	0.00	FLTCHG
R.O. OPENED	READY	OPTIONS:				
09:36 24JUN19	13:18 16AUG19					

LINE	OPCODE	TECH	TYPE	HOURS	LIST	NET	TOTAL
A	HEAVY OIL CONSUMPTION	*****NO OIL IN ENGINE DO NOT START***					
	AS ACCELERATED SERVICE						
	110136	C					
A06	3230	DISABLE VEHICLE TOW-IN, ALLOWANCE					
	110136	C					
A12	REMOVE FENDER, SPLASH GUARD, AND AIR FILTER FOR ACCESS						
	110136	C					
A12	REPLACE DPF, DOC, AND SCR SYSTEM						
	110136	C					
A12	REMOVE OIL FILTER AND CUT OPEN FOR METAL						
	110136	C					
A12	REMOVE #1 AND #4 RODS AND MAIN BEARINGS FOR INSPECTION (INCLUDES REMOVING OIL PAN FOR ACCESS)						
	110136	C					
A12	REMOVE CAC PIPING FOR INSPECTION OF TURBO						
	110136	C					
A12	REPLACE TURBOCHARGER						
	110136	C					
A12	R&R AFI ISX						
	110136	C					
A12	CLEAN ALL EXHAUST PIPES						
	110136	C					
A12	R&R OIL COOLER						
	110136	C					
A12	REPLACE HEATER PIPE						
	110136	C					

Customer Information	Service Department Hours	DESCRIPTION	TOTALS
		LABOR AMOUNT	
		PARTS AMOUNT	
		GAS, OIL, LUBE	
		SUBLET AMOUNT	
		MISC. CHARGES	
		TOTAL CHARGES	
		LESS INSURANCE	
		SALES TAX	
		PLEASE PAY THIS AMOUNT	

Signature

Date

Customer Copy

Invoice No: *INVOICE*

PLEASE REMIT PAYMENT TO:

Page 2 of 8

SERVICE ADVISOR:

UNIT NO.	YEAR	MAKE/MODEL	VIN	LICENSE	MILEAGE IN / OUT	TAG
U9014	14	INTERNATIONAL PROSTA	3HSDJAPR5EN761072		565330 / 565354	T2813
DEL. DATE	PROD. DATE	WARR. EXP.	PROMISED	PD NO.	RATE	PAYMENT
02DEC13			23:54 30AUG19	1	0.00	FLTCHG
R.O. OPENED	READY	OPTIONS:				
09:36 24JUN19	13:18 16AUG19					

LINE	OPCODE	TECH	TYPE	HOURS	LIST	NET	TOTAL
A16	REPAIR RIGHT SIDE FAIRING						
	110136	C					
A12	CLEAN AIR FILTER HOUSING						
	110136	C					
A12	R&R CAC DUE TO BEING CRACKED						
	110136	C					
A20	4123A-20 STEAM CLEAN						
	110136	C					
A12	REPLACE WATER PUMP ISX						
	110136	C					
	1 KEY-CUT BY CODE						
	3 112786 15W-40 GAL W/SPOUT						
	4 FLTANCB14 FLUID, FLEETRITE AEROSOL NON CH						
	1 5357368RX KIT, TURBOCHARGER						
	CORE CHARGE C						
	1 AF26103 FILTER AIR						
	1 4309349RX KIT, AFTERTREATMENT INJECTOR						
	CORE CHARGE C						
	1 3686707 CONNECTION, EXHAUST OUTLET						
	1 4326872RX SENSOR, NITROGEN OXIDE						
	CORE CHARGE C						
	4 4298975 NUT, LOCK						
	1 3684359 GASKET, EXH OUT CONNECTION						
	1 4966441 GASKET, EXH OUT CONNECTION						
	1 4966454 CLAMP, V BAND						
	1 4329681 GASKET, AFM DEVICE						
	2 2885916 SCREW, HEXAGON HEAD CAP						
	1 5295609RX MODULE, PARTICULATE FILTER						

Customer Information	Service Department Hours	DESCRIPTION	TOTALS
		LABOR AMOUNT	
		PARTS AMOUNT	
		GAS, OIL, LUBE	
		SUBLET AMOUNT	
		MISC. CHARGES	
		TOTAL CHARGES	
		LESS INSURANCE	
		SALES TAX	
		PLEASE PAY THIS AMOUNT	

Signature

Date

Customer Copy

Invoice No:

INVOICE

PLEASE REMIT PAYMENT TO:

Page 3 of 8

SERVICE ADVISOR:

UNIT NO.	YEAR	MAKE/MODEL	VIN	LICENSE	MILEAGE IN / OUT	TAG
U9014	14	INTERNATIONAL PROSTA	3HSDJAPR5EN761072		565330 / 565354	T2813
DEL. DATE	PROD. DATE	WARR. EXP.	PROMISED	PO NO.	RATE	PAYMENT
						INV. DATE
02DEC13			23:54 30AUG19	1	0.00	FLTCHG
R.O. OPENED		READY		OPTIONS:		
09:36 24JUN19		13:18 16AUG19				

LINE	OPCODE	TECH	TYPE	HOURS	LIST	NET	TOTAL
			CORE CHARGE C				
2	2871863		CLAMP,V BAND				
2	2871453		GASKET, AFM DEVICE				
1	4353264RX		MODULE,INLET CATALYST				
			CORE CHARGE C				
3	2880215		GASKET, AFM DEVICE				
3	2880213		CLAMP,V BAND				
1	4384812		SENSOR,TEMPERATURE				
1	2866337		GASKET, AFM DEVICE				
1	3621545C1		CLAMP EXHAUST PIPE CLAMP 5.0				
1	4329235		DEVICE,AFTERTREATME				
1	4384811		SENSOR,TEMPERATURE				
1	4026684		GASKET,OIL PAN				
1	5532492RX		PUMP,LUBRICATING OIL				
			CORE CHARGE C				
1	3164067		SEALANT				
1	5406110		KIT,MAIN BEARING				
1	105		LUBE				
1	PTX51813		GASKET ELIMINATOR 518 50ML				
6	2882087		SET,ROD BEARING (NON STD)				
1	4965487		CORE,COOLER				
1	3689755		GASKET,LUB OIL CLR HSG				
1	3679880		PLUG,THREADED				
1	4357177		VALVE,PRESSURE RELIEF				
2	3627695		SEAL,O RING				
1	3957131		SEAL,O RING				
1	3679139		SEAL,O RING				
1	3684338		GASKET,CONNECTION				

Customer Information	Service Department Hours	DESCRIPTION	TOTALS
		LABOR AMOUNT	
		PARTS AMOUNT	
		GAS, OIL, LUBE	
		SUBLET AMOUNT	
		MISC. CHARGES	
		TOTAL CHARGES	
		LESS INSURANCE	
		SALES TAX	
		PLEASE PAY THIS AMOUNT	

Signature

Date _____

Customer Copy

Invoice No: *INVOICE*

PLEASE REMIT PAYMENT TO:

Page 4 of 8

SERVICE ADVISOR:

UNIT NO.	YEAR	MAKE/MODEL	VIN	LICENSE	MILEAGE IN / OUT	TAG	
U9014	14	INTERNATIONAL PROSTA	3HSDJAPR5EN761072		565330 / 565354	T2813	
DEL. DATE	PRGD. DATE	WARR. EXP.	PROMISED	PO NO.	RATE	PAYMENT	INV. DATE
02DEC13			23:54 30AUG19	1	0.00	FLTCHG	16AUG19
R.O. OPENED		READY		OPTIONS:			
09:36 24JUN19		13:18 16AUG19					

LINE	OPCODE	TECH	TYPE	HOURS	LIST	NET	TOTAL
1	4059172	SEAL,O RING					
4	3683814	SEAL,O RING					
3	3104230	GASKET,EXH GAS RCN VALVE					
3	3683144	CLAMP,V BAND					
1	3678925	SEAL,O RING					
1	3683607	SEALANT					
4	3903990	SCREW,HEX FLANGE HEAD CAP					
2	3682826	SEAL,GROMMET					
7	FLTANCBCL4	FLUID,FLEETRITE AEROSOL NON CH					
4	07447	PAD					
2	07485	3M SURF COND DISC ,ROLOC 3IN					
3	FLTRELCS050G	FLUID,FLEETRITE RELC 5050 GAL					
1	3678756	SEAL,O RING					
1	3557858C1	CLAMP HEAT EXCHANGER					
1	WF2127	FILTER WATER					
1	LF14000NN	FILTER LUBE OIL					
1	3691476	ELEMENT,BREATHER					
8	3541323C1	NUT SPECIAL*M8 X 1.25 U-NUT (L					
8	3588153C1	BOLT SEMS ALL M8-1.25 X30 T-40					
1		FREIGHT FRT					
1	25714	PB-BLASTER					
1	2591600C91	COOLER CHARGE AIR					
		CORE CHARGE C					
1	2591592C91	KT HDWR,KIT HDWARE SIDE W/GUSS					
4	4298242	STUD					
1	4307496	SENSOR,AMMONIA					
2	4973532	GASKET,OIL COOLER CORE					
4	4965483	SCREW,TWELVE POINT CAP					

Customer Information	Service Department Hours	DESCRIPTION	TOTALS
		LABOR AMOUNT	
		PARTS AMOUNT	
		GAS, OIL, LUBE	
		SUBLET AMOUNT	
		MISC. CHARGES	
		TOTAL CHARGES	
		LESS INSURANCE	
		SALES TAX	
		PLEASE PAY THIS AMOUNT	

Signature

Date

Customer Copy

Invoice No: *INVOICE*

PLEASE REMIT PAYMENT TO:

Page 5 of 8

SERVICE ADVISOR:

UNIT NO.	YEAR	MAKE/MODEL	VIN	LICENSE	MILEAGE IN / OUT	TAG	
U9014	14	INTERNATIONAL PROSTA	3HSDJAPR5EN761072		565330 / 565354	T2813	
DEL. DATE	PROD. DATE	WARR. EXP.	PROMISED	PO NO.	RATE	PAYMENT	INV. DATE
02DEC13			23:54 30AUG19	1	0.00	FLTCHG	16AUG19
R.O. OPENED		READY		OPTIONS:			
09:36 24JUN19		13:18 16AUG19					

LINE	OPCODE	TECH	TYPE	HOURS	LIST	NET	TOTAL
1	4059381C91	PIPE, FLUID	HEATER RETURN ISX				
2	3957131	SEAL, O RING					
2	3949781	SEAL, O RING					
1	3687930RX	SENSOR, NITROGEN OXIDE					
		CORE CHARGE C					
44	988738	DELVAC 1300					
1	PREIGHT	FE3598101					
1	3621545C1	CLAMP EXHAUST PIPE CLAMP 5.0					
1	3853371C1	GASKET EXH PIPE FLANGE 5 IN J					
1	2866337	GASKET, AFM DEVICE					
1	2871960	SENSOR, PRESSURE					
2	FLTANCB14	FLUID, FLEETRITE AEROSOL NON CH					
1	5406048RX	KIT, WATER PUMP					
		CORE CHARGE C					
1	3678724	SEAL, O RING					
1	3684384	SEAL, O RING					
1	4059172	SEAL, O RING					
1	MISC SHOPWC						
-1	4326872RX	CORE RETURN					
-1	5295609RX	CORE RETURN					
-1	4353264RX	CORE RETURN					
1	2871453	GASKET, AFM DEVICE					
1	2880215	GASKET, AFM DEVICE					
-1	2591600C91	CORE RETURN					
-1	3687930RX	CORE RETURN					
-1	4309349RX	CORE RETURN					
-1	5357368RX	CORE RETURN					
-1	5406048RX	CORE RETURN					

Customer Information	Service Department Hours	DESCRIPTION	TOTALS
		LABOR AMOUNT	
		PARTS AMOUNT	
		GAS, OIL, LUBE	
		SUBLET AMOUNT	
		MISC. CHARGES	
		TOTAL CHARGES	
		LESS INSURANCE	
		SALES TAX	
		PLEASE PAY THIS AMOUNT	

Signature

Date

Customer Copy

Invoice No: *INVOICE*

Page 6 of 8

PLEASE REMIT PAYMENT TO:

SERVICE ADVISOR:

UNIT NO.	YEAR	MAKE/MODEL	VIN	LICENSE	MILEAGE IN / OUT	TAG	
U9014	14	INTERNATIONAL PROSTA	3HSDJAPR5EN761072		565330 / 565354	T2813	
DEL. DATE	PROD. DATE	WARR. EXP.	PROMISED	PO NO.	RATE	PAYMENT	INV. DATE
02DEC13			23:54 30AUG19	1	0.00	FLTCHG	16AUG19

R.O. OPENED READY OPTIONS:

09:36 24JUN19 13:18 16AUG19

LINE	OPCODE	TECH	TYPE	HOURS	LIST	NET	TOTAL
------	--------	------	------	-------	------	-----	-------

-1 5532492RX CORE RETURN

1 5300527 MODULE,OUTLET

-1 MISC SUPPORT PLAN COVERAGE

PARTS: 17643.82 LABOR: 7440.00 OTHER: 0.00 TOTAL LINE A:

-NO OIL IN ENGINE, HAVE NOT ATTEMPTED TO ADD OIL AND START AT THIS TIME. AIR UP AND MANUEVER INTO SHOP. START OIL CONSUMPTION DIAG WITH CSS...NO OIL CHANGE INTERVAL OR AMOUNT OF OIL CONSUMED AT THIS TIME, UNABLE TO RUN ENGINE FOR CRANKCASE PSI CHECKS...NO OIL IN AIR FILTER/HOUSING OR CAC INLET/OUTLET... NO OIL IN FUEL OR COOLANT. MINOR EXTERNAL OIL LEAKS...PRINT OUT FAULTS. FOUND OIL SEEPING AT DOC INLET CLAMP. REMOVE FENDER. REMOVE TURBO OUTLET PIPE, FOUND OIL IN OUTLET ALONG WITH MISSING EXHAUST OUTLET TURBINE WHEEL, AIR INLET IMPELLAR DAMAGED/WORN... ADVISED...UPDATE CASE FILE, REMOVE COMPLETE AFT. SYSTEM, DOC, DPF, SCR, AFT. SENSORS FULL OF OIL. SEPERATE AFT COMPONENTS TO DRAIN...NEED TO CUT OPEN OIL FILTER FOR INSPECTION, TAKE PHOTOS AND DO A P/A...REMOVE OIL FILTER AND CUT OPEN, VERY MINOR AMOUNT OF DEBRI. REMOVE OIL PAN, PICKUP TUBE, OIL PUMP, STIFFNER PLATE. REMOVE #1 AND #4 ROD AND MAIN BEARINGS. DEBRI EMBEDDED IN LOWER MAIN BEARINGS WITH DEEP GROOVES, ROD BEARINGS MINOR DEBRI EMBEDDED. CRANKSHAFT JOURNALS HAVE VERY MINOR SCRATCHES THAT CAN BARELY BE FELT WITH FINGERNAIL, LIGHT POLISH OF JOURNALS RECOMMENDED IF NEEDED...DISASSEMBLE OIL PUMP, SCORING IN OIL PUMP HOUSING AND EXCESSIVE WEAR IDLER PUMP GEAR MOUNT SHAFT, OIL REGULATOR STICKS WHEN ACTUATED... TAKE PHOTOS...MADE P/A TO...REPLACE TURBO, CLEAN AFT, REPLACE COMPLETE AFT. SYSTEM TO INCLUDE DOC, DPF, AND COMPLETE SCR ASSY, REPLACE DPFDP SENSOR, ALL TEMP SENSOR MODULES, AND NH3 SENSOR, NEED TO R&R AND CLEAN ALL REUSABLE EXHAUST PIPES/OUTLETS(3-4hr)...NEED TO REPLACE OIL COOLER, (HAVE TO REMOVE EGR COOLER) OIL THERMOSTAT, AND

Customer Information	Service Department Hours	DESCRIPTION	TOTALS
		LABOR AMOUNT	
		PARTS AMOUNT	
		GAS, OIL, LUBE	
		SUBLET AMOUNT	
		MISC. CHARGES	
		TOTAL CHARGES	
		LESS INSURANCE	
		SALES TAX	
		PLEASE PAY THIS AMOUNT	

Signature

Date

Customer Copy

Invoice No: *INVOICE*

PLEASE REMIT PAYMENT TO:

Page 7 of 8

SERVICE ADVISOR:

UNIT NO.	YEAR	MAKE/MODEL	VIN	LICENSE	MILEAGE IN / OUT	TAG
U9014	14	INTERNATIONAL PROSTA	3HSDJAPR5EN761072		565330 / 565354	T2813
DEL. DATE	PROD. DATE	WARR. EXP.	PROMISED	PO NO.	RATE	PAYMENT
02DEC13			23:54 30AUG19	1	0.00	FLTCHG
R.O. OPENED	READY	OPTIONS:				
09:36 24JUN19	13:18 16AUG19					

LINE	OPCODE	TECH	TYPE	HOURS	LIST	NET	TOTAL
OIL BYPASS VALVE. REPLACE AIR FILTER AND CRANKCASE FILTER. SUGGEST TO R&R CAC TO HAVE SENT OUT AND CLEANED DUE TO POSSIBLE DEBRI FROM FAILED TURBOCHARGER- REPLACE CRANKCASE FILTER--REPLACE/TORQUE ROD/MAIN BEARINGS. CRANKSHAFT ENDPLAY AT APPRX .010. START TO CLEAN EXH. PARTS. INSTALL/TORQUE NEW OIL PUMP. CHECK BACK LASH (.011). INSTALL/TORQUE PICKUP TUBE AND OIL PAN. REMOVE CAC. PSI TEST, FAILS, LEAKS 15psi IN 10 SECONDS. SEVERAL CRACKS IN TUBES AT THE ENDS. INSTALL NEW CAC AND ASSEMBLED. REMOVE TURBO. REMOVE EGR COOLER. REMOVE WATER INLET HOUSING AND COOLANT TUBE FROM COOLER TO WP. REMOVE OIL COOLER ASSY. REMOVE OIL COOLER. DISASSEMBLE OIL COOLER. FLUSH COOLER HOUSING. INSTALL NEW OIL THERMOSTAT AND OIL BYPASS VALVE. TORQUE NEW OIL COOLER ELEMENT. INSTALL/TORQUE OIL COOLER ASSY. INSTALL EGR COOLER. DISASSEMBLE TURBO, SEVERAL LINES SEIZED. TRANSFER PARTS TO TURBO. INSTALL/TORQUE TURBO. INSTALL NEW AFI AND HOUSING. START TO ASSEMBLE RIGHT SIDE. ASSEMBLE RIGHT SIDE ENGINE. CALIBRATE VGT AND INSTALL. INSTALL NEW OIL FILTER. FILL WITH OIL AND COOLANT. START AND RUN ENGINE, COOLANT RUNNING OUT OF WATER PUMP, TURN IN P/A FOR WATER PUMP. LOOSELY INSTALL SCR ASSY. REPLACE SCR TEMP SENSOR MODULE, NH3 SENSOR AND NOX OUT SENSOR. CLEAN OUT INTAKE PIPING, REPLACE AIR FILTER. CLEAN OUT EXHAUST PIPING. REPLACE CRANKCASE BREATHER FILTER. START TO ASSEMBLE DPF/DOC....DPF OUTLET IS IN PARTS WASHER. CLEANED OUT OUTLET CANNISTER AS BEST AS POSSIBLE. ASSEMBLE NEW DPF/DOC/. REPLACE DPFDP SENSOR, CLEAN TUBES. REPLACE DPF TEMP SENSOR MODULE. DRAIN COOLANT. REPLACE WATER PUMP. VACUUM FILL COOLING. STEAM CLEAN. PERF AFT. RESET ALL... ROAD TEST 24mi, ACTIVE FAULT FOR ENGINE AMBIANT AIR TEMP SENSOR. CHECK FOR LEAKS AT REPAIR, OK. RECHECK OIL/COOLANT LEVEL, OK. DPF OUTLET CANNISTER SMOKING FROM RESIDUAL OIL. ADVISE TO REPLACE. TURN IN P/A AND ADVISE...NEED TO DIAG ACTIVE FAULT FOR ENGINE AMBIANT TEMP SENSOR,							

Customer Information	Service Department Hours	DESCRIPTION	TOTALS
		LABOR AMOUNT	
		PARTS AMOUNT	
		GAS, OIL, LUBE	
		SUBLET AMOUNT	
		MISC. CHARGES	
		TOTAL CHARGES	
		LESS INSURANCE	
		SALES TAX	
		PLEASE PAY THIS AMOUNT	

Signature

Date

Customer Copy

Invoice No: *INVOICE*

PLEASE REMIT PAYMENT TO:

Page 8 of 8

SERVICE ADVISOR:

SERVICE ADVISOR							
UNIT NO.	YEAR	MAKE/MODEL	VIN	LICENSE	MILEAGE IN / OUT	TAG	
U9014	14	INTERNATIONAL PROSTA	3HSDJAPR5EN761072		565330 / 565354	T2813	
DEL. DATE	PROD. DATE	WARR. EXP.	PROMISED	PD NO.	RATE	PAYMENT	INV. DATE
02DEC13			23:54 30AUG19	1	0.00	FLTCHG	16AUG19
R.O. OPENED		READY	OPTIONS:				
09:36 24JUN19		13:18 16AUG19					

LINE	OPCODE	TECH	TYPE	HOURS	LIST	NET	TOTAL
REPLACE DPF OUTLET CANNISTER, REGEN. REPLACE DPF OUTLET CANNISTER. PERF. REGEN, NO LEAKS, NO FAULTS. REPAIR BROKEN/MISSING BOLTS IN FAIRING BRACKETS, INSTALL BRACKETS/FAIRINGS. TURN IN ALL CORES. UPDATE HEALTH REPORT. COMPLETE.							

B** TROUBLESHOOT ENGINE FAULTS. C&A.

A12 ENGINE

110136 C

2 2506112C1 TERMINAL CABLE*FEMALE W/6LEAD

1 996205R3 TAPE PLASTIC ELECTRICAL 3/4"

15 TY114B STRAP14" 881.9012.5

1 7719316 3/16 BLACK 1FT HS316TS12B

PARTS: 43.42 LABOR: 750.00 OTHER: 0.00 TOTAL LINE B:

-T/S ACTIVE FAULT 249 FOR ENGINE AMBIENT AIR TEMP SENSOR. VERIFY 5.0v AT SENSOR, NO GROUND AT M41D. PARTIALLY REMOVE HARNESS FOR INSPECTION. WIGGLE/PULL TEST, WHEN HARNESS IS WIGGLED NEAR REAR OF ENGINE, VOLTAGE CHANGES. REMOVE FENDER. REMOVE AIR FILTER HOUSING. REMOVE HARNESS FROM LOOM AND INSPECT. WIGGLE/PULL TEST AGAIN, FOUND CIRCUIT M41D NEAR ZERO REF CONNECTOR 6703 BROKEN INTERNALLY. HARDWIRE NEW TERMINAL END KIT AT 6703. RETEST, FAULT NOW INACTIVE AND TEMP READING CORRECTLY. REINSTALL HARNESS/LOOM/ AND SECURED. WIGGLE/PULL TEST, NO ISSUES. CLEAR FAULT. WHEN CLEARING FAULT, NOTICE ABS/EWL ON. ACTIVE FAULT IN BENDIX FOR OPEN IN LEFT REAR SENSOR. INSPECT HARNESS, FOUND CHAPPED/OPEN WIRES NEAR LEFT REAR ABS SENSOR CONNECTOR, HARDWIRE DAMAGED AREA. FAULT NOW INACTIVE, NO ABS LIGHT. UPDATE HEALTH REPORT. COMPLETE.

Customer Information	Service Department Hours	DESCRIPTION	TOTALS
		LABOR AMOUNT	
		PARTS AMOUNT	
		GAS, OIL, LUBE	
		SUBLET AMOUNT	
		MISC. CHARGES	
		TOTAL CHARGES	
		LESS INSURANCE	
		SALES TAX	
		PLEASE PAY THIS AMOUNT	\$ 26172.24

Signature

Date

Customer Copy